

- 11. The planographic printing plate of claim 7, wherein the recording layer comprises a negative recording layer, the negative recording layer including an infrared absorbing agent, compounds that release an acid or radical by heat, and compounds that form crosslinks or polymerize due to the acid or radical.
- 12. The planographic printing plate of claim 8, wherein the recording layer comprises a negative recording layer, the negative recording layer including an infrared absorbing agent, compounds that release an acid or radical by heat, and compounds that form crosslinks or polymerize due to the acid or radical.
- 13. The planographic printing plate of claim 9, wherein the recording layer comprises a negative recording layer, the negative recording layer including an infrared absorbing agent, compounds that release an acid or radical by heat, and compounds that form crosslinks or polymerize due to the acid or radical.
- 14. The planographic printing plate of claim 6, wherein the recording layer comprises a positive recording layer, the positive recording layer including an infrared absorbing agent and compounds that become soluble in an alkaline aqueous solution by bonds thereof decomposing by heat.



- 15. The planographic printing plate of claim 7, wherein the recording layer comprises a positive recording layer, the positive recording layer including an infrared absorbing agent and compounds that become soluble in an alkaline aqueous solution by bonds thereof decomposing by heat.
- 16. The planographic printing plate of claim 8, wherein the recording layer comprises a positive recording layer, the positive recording layer including an infrared absorbing agent and compounds that become soluble in an alkaline aqueous solution by bonds thereof decomposing by heat.
- 17. The planographic printing plate of claim 9, wherein the recording layer comprises a positive recording layer, the positive recording layer including an infrared absorbing agent and compounds that become soluble in an alkaline aqueous solution by bonds thereof decomposing by heat.